

# Distributed Fiber Temperature Sensor System and Method

10/706,935

| Type | L#  | Hits    | Search Text   | DBs                | Time Stamp   | Comments       |
|------|-----|---------|---|--------------------|--------------|----------------|
| IS&R | L1  | 1156    | ((374/161) or (374/119) or (374/107) or (374/110) or (374/136) or (374/137)).CCLS.  | US-PGPUB;<br>USPAT | 5/13/05 6:59 |                |
| BRS  | L2  | 15      | L1 and @pd>"20041223"   | US-PGPUB;<br>USPAT | 5/13/05 9:13 | b =<br>browsed |
| IS&R | L3  | 1272    | (385/12).CCLS.  | US-PGPUB;<br>USPAT | 5/13/05 6:59 |                |
| BRS  | L4  | 61      | ( L3 not L1) and @pd>"20041223"   | US-PGPUB;<br>USPAT | 5/13/05 6:59 | b              |
| IS&R | L5  | 580     | (250/227.14).CCLS.  | US-PGPUB;<br>USPAT | 5/13/05 7:00 |                |
| BRS  | L6  | 12      | ( L5 not L3 not L1) and @pd>"20041223"  | US-PGPUB;<br>USPAT | 5/13/05 7:00 | b              |
| IS&R | L7  | 735     | ((340/588) or (340/589) or (340/590) or (340/591)).CCLS.  | US-PGPUB;<br>USPAT | 5/13/05 7:00 |                |
| BRS  | L8  | 5       | ( L7 not L5 not L3 not L1) and @pd>"20041223"   | US-PGPUB;<br>USPAT | 5/13/05 7:00 | b              |
| BRS  | L9  | 42      | ((702/130) or (702/6)).CCLS.) and (Distribut\$3 near2 temperature\$1) not ( (Fiber with optic\$2) or (Fibre with optic\$2) ) not (((374/137) or (374/136)).CCLS.)                           | US-PGPUB;<br>USPAT | 5/13/05 8:04 | b              |
| IS&R | L10 | 127     | (374/4).CCLS.   | US-PGPUB;<br>USPAT | 5/13/05 7:44 |                |
| IS&R | L11 | 511     | (702/130).CCLS.   | US-PGPUB;<br>USPAT | 5/13/05 7:05 |                |
| BRS  | L12 | 358940  | threshold   | US-PGPUB;<br>USPAT | 5/13/05 7:06 |                |
| BRS  | L13 | 2071916 | compar\$5   | US-PGPUB;<br>USPAT | 5/13/05 7:06 |                |
| BRS  | L14 | 1385139 | adjust\$3   | US-PGPUB;<br>USPAT | 5/13/05 7:06 |                |
| BRS  | L15 | 47      | 4 and (12 or 13 or 14)  | US-PGPUB;<br>USPAT | 5/13/05 7:45 |                |
| BRS  | L16 | 0       | 11 and 4 and (12 or 13 or 14)   | US-PGPUB;<br>USPAT | 5/13/05 7:47 |                |
| BRS  | L17 | 90      | 10 and (12 or 13 or 14)   | US-PGPUB;<br>USPAT | 5/13/05 7:48 |                |
| BRS  | L18 | 434     | 11 and (12 or 13 or 14)   | US-PGPUB;<br>USPAT | 5/13/05 7:48 |                |
| BRS  | L19 | 14      | 18 and 1  | US-PGPUB;<br>USPAT | 5/13/05 7:48 | b              |
| BRS  | L20 | 1       | ( 15 or 17 ) and 18   | US-PGPUB;<br>USPAT | 5/13/05 7:53 | b              |
| BRS  | L21 | 121     | ( 15 or 17 ) and temperature  | US-PGPUB;<br>USPAT | 5/13/05 7:54 |                |
| BRS  | L22 | 48      | ( 15 or 17 ) and temperature and (fiber or fibre)   | US-PGPUB;<br>USPAT | 5/13/05 7:54 | b              |
| BRS  | L24 | 3198    | DTS or (Distributed adj Temperature adj Sensor) or ((fiber or fibre) with (Distributed with Temperature with Sens\$3))  | US-PGPUB;<br>USPAT | 5/13/05 8:05 |                |
| BRS  | L25 | 2900    | (Distributed adj Fiber adj Bragg) or (Distributed adj Fiber adj Bragg) or FBG or (Fiber adj Bragg adj Grating) or (Fibre adj Bragg adj Grating)   | US-PGPUB;<br>USPAT | 5/13/05 8:05 |                |
| BRS  | L26 | 5697    | (Rayleigh adj scatter\$3) or (Rayleigh adj back\$1scatter\$2) or (Brillouin adj scatter\$3) or (Brillouin adj back\$1scatter\$2) or (Raman adj scatter\$3) or (Raman adj back\$1scatter\$2) | US-PGPUB;<br>USPAT | 5/13/05 8:05 |                |
| BRS  | L27 | 966     | OTDR or ((optical adj time adj delay) with reflect\$3)  | US-PGPUB;<br>USPAT | 5/13/05 8:05 |                |
| BRS  | L28 | 145     | L24 and ( L25 or L26 or L27)  | US-PGPUB;<br>USPAT | 5/13/05 8:05 |                |
| BRS  | L23 | 57      | ((702/130) or (702/6)).CCLS.) and ( (Fiber with optic\$2) or (Fibre with optic\$2) )  | US-PGPUB;<br>USPAT | 5/13/05 8:06 | b              |
| BRS  | L29 | 13      | L28 and @pd>"20041223"  | US-PGPUB;<br>USPAT | 5/13/05 9:13 | b              |